

Listing of Claims

1. (amended) A method of treating the effects of the genetic motor neuron disease Spinal Muscular Atrophy (SMA) comprising:

administering a pharmacologically effective and physiologically acceptable amount of vitamin C, flavenoid, and pectin and ~~at least one ingredient selected from the group consisting of: flavenoid, pectin, enteric bacterium, enzyme supplement and any combinations thereof~~; and optionally, a pharmaceutically acceptable carrier.

2. (amended) The method of claim 1, wherein said flavonoid is citrus ~~comprises at least one of the flavenoids selected from the group consisting of: rutin, hesperidin, naringin, naringenin 7-B rutinoside, flavonols, quercetin, flavones, phenolics, and flavanones.~~

3. (amended) The method of claim 1, wherein said flavonoid is a citrus flavonoid ~~comprises at least one flavenoid ingredient selected from the group consisting of: rutin, hesperidin, naringin, naringenin 7-B rutinoside, flavonols, quercetin, flavones, phenolics, and any combinations thereof.~~

4. (original) The method of claim 1, wherein said pectin is selected from the group consisting of: citrus pectin, pomace pectin, and any combinations thereof.

5. (original) The method of claim 1 wherein said pectin is apple pectin

6. (amended) The method of claim 1, ~~wherein said enteric bacterium comprises further comprising administering a pharmacologically effective and physiologically acceptable amount of at least one bacterium selected from the~~

group consisting of *Lactobacillus acidophilus*, *Bifidobacterium bifidum*, *Lactobacillus rhamnosus*, *Enterococcus faecium*, *Bifidobacterium adolescentis*, *Lactobacillus plantrum*, and any combinations thereof.

7. (amended) The method of claim 1, wherein said flavonoid is a citrus flavonoid and said pectin is apple pectin.

8. (cancelled) The method of claim 1, wherein said at least one ingredient is flavonoid, pectin and enteric bacterium.

9. (amended) The method of claim 1, wherein said flavonoid is at least one citrus flavonoid selected from the group consisting of: rutin, hesperidin, naringin, naringenin 7-B rutinoside, flavonols, citrus flavones, citrus flavonones phenolics, and any combinations thereof; and said pectin is at least one pectin selected from the group consisting of citrus pectin, pomace apple pectin, and any combination thereof; and said enteric bacterium is at least one bacterium selected from the group consisting of *Lactobacillus acidophilus*, *Bifidobacterium bifidum*, *Lactobacillus rhamnosus*, *Enterococcus faecium*, *Bifidobacterium adolescentis*, *Lactobacillus plantrum*, and any combinations thereof.

10. (amended) The method of claim 1, further comprising administering a pharmacologically effective and physiologically acceptable amount of an wherein said enzyme supplement having is at least one enzyme selected from the group consisting of: amylase, protease, lactase, cellulose cellulase, lipase, phytase, sucrase, maltase, and any combinations thereof

11. (amended) The method of claim 1, wherein said optional pharmaceutically acceptable carrier is a solid or liquid selected from the group consisting of water, aqueous systems, alcohols, polyols, glycols, mineral oils, vegetable oils, excipient, binder and any combinations thereof.

12. (amended) The method of claim 1, wherein said vitamin C, said at least one ~~ingredient~~ flavenoid, and said pectin and said optional pharmaceutically acceptable carrier are in a product form selected from the group consisting of: an aerosol spray, pump spray, cream, emulsion, solid, liquid, dispersion, foam, gel and powder.

13. (new) The method of claim 11, wherein said pharmaceutically acceptable carrier is water.

14. (new) The method of claim 1, wherein said flavonoid is hesperidin, naringin, naringenin 7-B rutinoside, flavonols, flavones, and flavanones.